

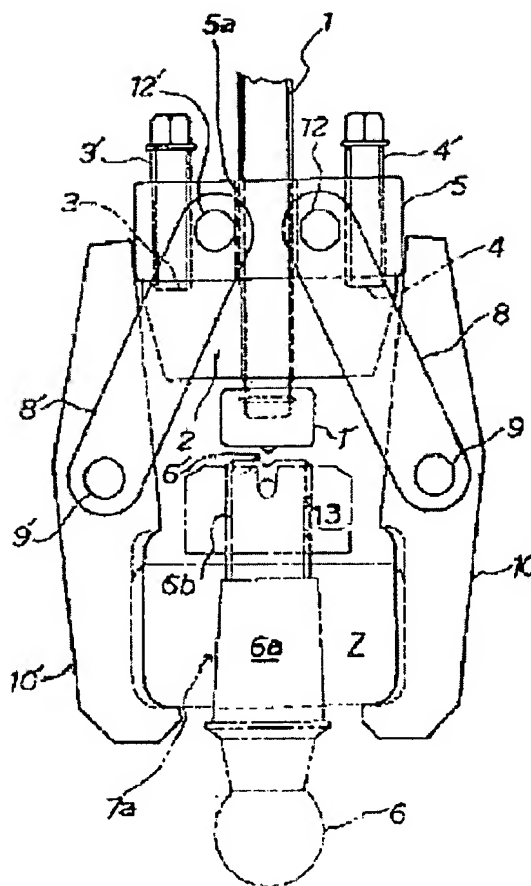
## PITMAN ARM PULLER

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### Abstract of JP8001538

**PURPOSE:** To eliminate difficult work such as pushing out a ball joint requiring extremely large man power and use of a hydraulic cylinder for pushing out the ball joint by rotating a single set screw in a puller for removing the ball joint in a pitman arm in an automobile. **CONSTITUTION:** A main set screw 1 is set to slide freely to a center hole 5a of a hanger 5, and a nut 2 is engaged with the main set screw 1 under the hanger 5. The nut 2 has receiving seats 3, 4 separated on both sides, and the receiving seats 3, 4 are put to face auxiliary set screws 3', 4' to be engaged with the hanger 5. Next, the main set screw 1 is rotated to be pushed to an upper end part of a ball joint 6 strongly, and the auxiliary set screws 3', 4' are then rotated alternately to push the nut 2 downward, thereby thrust of the auxiliary set screws 3', 4' is concentrated on a forward end part of the main set screw 1 through the nut 2.



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